PORTAL
USPTO
Subscribe (Full Service) Register (Limited Service, Free) Login
Search: The ACM Digital Library The Guide
concepts and "asset references" and associations
SEARCH
THE ACM DIGITAL LIBRARY
Feedback Report a problem Satisfaction survey

Terms used **concepts** and **asset references** and **associations** Found **46,416** of **173,942**

Sort results by: relevance
Display results: expanded form
Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next
Best 200 shown Relevance scale

1 Generating association rules from semi-structured documents using an extended concept hierarchy
Lisa Singh, Peter Scheuermann, Bin Chen
January 1997 **Proceedings of the sixth international conference on Information and knowledge management**
**Publisher:** ACM Press
Full text available: pdf(1.23 MB) Additional Information: full citation, references, index terms

2 Data mining (DM): poster papers: Mining concept associations for knowledge discovery in large textual databases
Xiaowei Xu, Mutlu Mete, Nurcan Yuruk
March 2005 **Proceedings of the 2005 ACM symposium on Applied computing SAC '05**
**Publisher:** ACM Press
Full text available: pdf(47.71 KB) Additional Information: full citation, abstract, references, index terms

In this paper, we describe a new approach for mining concept associations from large text collections. The concepts are short sequences of words that occur frequently together across the text collections. It is these concepts that convey most of the meaning in any language. Our goal is to extract interesting associations among concepts that co-occur within the text collections. Interesting association between the concepts is mined using association rule mining algorithm. Finally we construct dir ...

**Keywords**: association rule mining, concept extraction, graphical model of concept associations, text data mining

3 Poster 3: content track: Image region entropy: a measure of "visualness" of web images associated with one concept
Keiji Yanai, Kobus Barnard
November 2005 **Proceedings of the 13th annual ACM international conference on Multimedia MULTIMEDIA '05**
**Publisher:** ACM Press
Full text available: pdf(2.97 MB) Additional Information: full citation, abstract, references, index terms

We propose a new method to measure "visualness" of concepts, that is, what extent concepts have visual characteristics. To know which concept has visually discriminative

power is important for image annotation, especially automatic image annotation by image recognition system, since not all concepts are related to visual contents. Our method performs probabilistic region selection for images which are labeled as concept "X" or "non-X", and computes an entropy measure which represents "visualness ...

**Keywords**: image annotation, probabilistic image selection, web image mining

4 Military applications: Weapon and communication systems: simulating crisis communications

William S. Murphy, Mark A. Flournoy

December 2002 **Proceedings of the 34th conference on Winter simulation: exploring new frontiers**

**Publisher:** Winter Simulation Conference

Full text available: pdf(188.04 KB) Additional Information: full citation, abstract, references

This paper addresses the need for simulation of voice and data communication demands during civil and military crisis events. Modeling of federal, state, and local civilian agencies in addition to military forces can lead to better planning and execution decisions during the crisis. The need has become particularly acute following recent terrorists attacks on the United States. Preliminary crisis communication modeling capabilities exist in the Network Warfare Simulation (NETWARS) software th ...

5 Web mining, tools, and performance evaluation: Concept extraction and association from cancer literature

Yueyu Fu, Travis Bauer, Javed Mostafa, Mathew Palakal, Snehasis Mukhopadhyay

November 2002 **Proceedings of the 4th international workshop on Web information and data management**

**Publisher:** ACM Press

Full text available: pdf(272.50 KB) Additional Information: full citation, abstract, references, citings, index terms

There is a large and growing body of web accessible biomedical literature. As this body of electronic literature grows, so does the possibility that document analysis techniques can be used to automatically extract useful biomedical information from them, particularly in the discovery of key concepts dealing with genes, proteins, drugs, and diseases and associations among these concepts. VCGS (Vocabulary Cluster Generating System) was designed to automatically extract and determine associations ...

**Keywords**: web data mining, web information extraction

6 An adaptive information retrieval system based on associative networks

Helmut Berger, Michael Dittenbach, Dieter Merkl

January 2004 **Proceedings of the first Asian-Pacific conference on Conceptual modelling - Volume 31 CRPIT '04**

**Publisher:** Australian Computer Society, Inc.

Full text available: pdf(829.83 KB) Additional Information: full citation, abstract, references

In this paper we present a multilingual information retrieval system that provides access to Tourism information by exploiting the intuitiveness of natural language. In particular, we describe the knowledge representation model underlying the information retrieval system. This knowledge representation approach is based on associative networks and allows the definition of semantic relationships between domain-intrinsic information items. The network structure is used to define weighted associatio ...

**Keywords**: associative networks, constrained spreading activation, knowledge

representation, natural language information retrieval

7 An object-oriented approach to multi-level association rule mining

Scott Fortin, Ling Liu
November 1996 **Proceedings of the fifth international conference on Information and knowledge management**
**Publisher:** ACM Press
Full text available: pdf(996.66 KB) Additional Information: full citation, references, citings, index terms

8 Associated types and constraint propagation for mainstream object-oriented generics

Jaakko Järvi, Jeremiah Willcock, Andrew Lumsdaine
October 2005 **ACM SIGPLAN Notices , Proceedings of the 20th annual ACM SIGPLAN conference on Object oriented programming, systems, languages, and applications OOPSLA '05**, Volume 40 Issue 10
**Publisher:** ACM Press
Full text available: pdf(353.72 KB) Additional Information: full citation, abstract, references, index terms

Support for object-oriented programming has become an integral part of mainstream languages, and more recently generic programming has gained widespread acceptance as well. A natural question is how these two paradigms, and their underlying language mechanisms, should interact. One particular design option, that of using subtyping to constrain the type parameters of generic functions, has been chosen in the generics of Java and those planned for a future revision of C#.Certain shortcomings have ...

**Keywords**: C#, Java, associated, constraint propagation, generic programming, generics, types

9 Generating non-redundant association rules

Mohammed J. Zaki
August 2000 **Proceedings of the sixth ACM SIGKDD international conference on Knowledge discovery and data mining**
**Publisher:** ACM Press
Full text available: pdf(181.85 KB) Additional Information: full citation, references, citings, index terms

10 Paper session IR-10 (information retrieval): query expansion: Concept-based interactive query expansion

Bruno M. Fonseca, Paulo Golgher, Bruno Pôssas, Berthier Ribeiro-Neto, Nivio Ziviani
October 2005 **Proceedings of the 14th ACM international conference on Information and knowledge management CIKM '05**
**Publisher:** ACM Press
Full text available: pdf(153.95 KB) Additional Information: full citation, abstract, references, index terms

Despite the recent advances in search quality, the fast increase in the size of the Web collection has introduced new challenges for Web ranking algorithms. In fact, there are still many situations in which the users are presented with imprecise or very poor results. One of the key difficulties is the fact that users usually submit very short and ambiguous queries, and they do not fully specify their information needs. That is, it is necessary to improve the query formation process if better ans ...

**Keywords**: association rules, interactive query expansion, user feedback, web searching

11 Mining knowledge at multiple concept levels

Jiawei Han

December 1995 **Proceedings of the fourth international conference on Information and knowledge management**

**Publisher:** ACM Press

Full text available: pdf(683.93 KB) Additional Information: full citation, references, citings, index terms

12 Automating the linking of content and concept

Robert Tansley, Colin Bird, Wendy Hall, Paul Lewis, Mark Weal

October 2000 **Proceedings of the eighth ACM international conference on Multimedia**

**Publisher:** ACM Press

Full text available: pdf(278.67 KB) Additional Information: full citation, abstract, references, index terms

In previous work we have described a multimedia system, MAVIS 2, supporting content and concept based retrieval and navigation. A central component of the system is a multimedia thesaurus in which media content is associated with appropriate concepts in a semantic layer. A major challenge is identifying and constructing these associations in a particular application without requiring a huge amount of manual effort. In this paper we propose a two phase approach to the problem. In the first p ...

13 Software Engineering for Automotive Systems (SEAS): Experience of introducing reference architectures in the development of automotive electronic systems

Ulrik Eklund, Örjan Askerdal, Johan Granholm, Anders Alminger, Jakob Axelsson

May 2005 **ACM SIGSOFT Software Engineering Notes , Proceedings of the second international workshop on Software engineering for automotive systems SEAS '05**, Volume 30 Issue 4

**Publisher:** ACM Press

Full text available: pdf(110.14 KB) Additional Information: full citation, abstract, references, index terms

The requirements on increasing functionality, quality, and, customisation, while reducing cost has lead to the introduction of an architecture centred development process for electronic systems at Volvo Cars. This process enables better control of system integration and achieving non-functional requirements, such as reusability, understandability, etc. The result of the process is a reference architecture that includes strategies for implementing the balanced requirements, architectural views th ...

**Keywords**: automotive electronics and software, non-functional requirements, product line architecture, reference architecture

14 Concepts and paradigms of object-oriented programming

Peter Wegner

August 1990 **ACM SIGPLAN OOPS Messenger**, Volume 1 Issue 1

**Publisher:** ACM Press

Full text available: pdf(5.52 MB) Additional Information: full citation, abstract, citings, index terms

We address the following questions for object-oriented programming: *What is it? What are its goals? What are its origins? What are its paradigms? What are its design alternatives? What are its models of concurrency? What are its formal computational models? What comes after object-oriented programming?* Starting from software engineering goals, we examine the origins and paradigms of object-oriented programming, explore its language design alternativ ...

**15** Human-computer interface development: concepts and systems for its management

H. Rex Hartson, Deborah Hix
March 1989 **ACM Computing Surveys (CSUR)**, Volume 21 Issue 1
**Publisher:** ACM Press

Full text available: pdf(7.97 MB) Additional Information: full citation, abstract, references, citings, index terms, review

*Human-computer interface management*, from a computer science viewpoint, focuses on the process of developing quality human-computer interfaces, including their representation, design, implementation, execution, evaluation, and maintenance. This survey presents important concepts of interface management: dialogue independence, structural modeling, representation, interactive tools, rapid prototyping, development methodologies, and control structures. *Dialogue independence* is th ...

**16** Associative and Parallel Processors

Kenneth J. Thurber, Leon D. Wald
December 1975 **ACM Computing Surveys (CSUR)**, Volume 7 Issue 4
**Publisher:** ACM Press
Full text available: pdf(2.62 MB) Additional Information: full citation, references, citings, index terms

**17** Information retrieval theory and design based on a model of the user's concept relations

Matthew B. Koll
June 1980 **Proceedings of the 3rd annual ACM conference on Research and development in information retrieval**
**Publisher:** Butterworth & Co.
Full text available: pdf(753.08 KB) Additional Information: full citation, references, citings

**18** Concept-based knowledge discovery in texts extracted from the Web

Stanley Loh, Leandro Krug Wives, José Palazzo M. de Oliveira
June 2000 **ACM SIGKDD Explorations Newsletter**, Volume 2 Issue 1
**Publisher:** ACM Press
Full text available: pdf(1.28 MB) Additional Information: full citation, index terms

**Keywords**: categorization, data mining, information extraction, knowledge discovery, text mining

**19** Concepts and capabilities of a database computer\

Jayanta Banerjee, David K. Hsiao, Richard I. Baum
December 1978 **ACM Transactions on Database Systems (TODS)**, Volume 3 Issue 4
**Publisher:** ACM Press

Full text available: pdf(2.79 MB) Additional Information: full citation, abstract, references, citings, index terms

The concepts and capabilities of a database computer (DBC) are given in this paper. The proposed design overcomes many of the traditional problems of database system software and is one of the first to describe a complete data-secure computer capable of handling large databases. This paper begins by characterizing the major problems facing today's database system designers. These problems are intrinsically related to the nature

of conventional hardware and can only be solved by i ...

**Keywords**: clustering, content-addressable memory, database computers, keywords, mass memory, performance, security, structure memory

**20** Concept indexing



Angi Voss, Keiichi Nakata, Marcus Juhnke
November 1999 **Proceedings of the international ACM SIGGROUP conference on Supporting group work**
**Publisher:** ACM Press

Full text available: pdf(1.43 MB) Additional Information: full citation, abstract, references, citings, index terms

Marking text in a document is a convenient way of identifying bits of knowledge that are relevant for the reader, a colleague or a larger group. Based on such markings, networks of concepts with hyperlinks to their occurrences in a collection of documents can be developed. On the Internet, marked documents can easily be shared, concepts can be constructed collaboratively and the concept-document network can be used for navigation and direct access. Text marking, grounded concepts and the In ...

**Keywords**: collaboration, concepts, documents, knowledge management, software agents, text marking



The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player